

Measurement Details

JobNo A21759
Sample Name MN4720 MetaKaolin
Mill
Grind Time
SOP File Name HydroEV.cfg

Measurement Details

Analysis Date Time 16/11/2020 1:05:36 PM
Measurement Date Time 16/11/2020 1:05:36 PM
Result Source Measurement

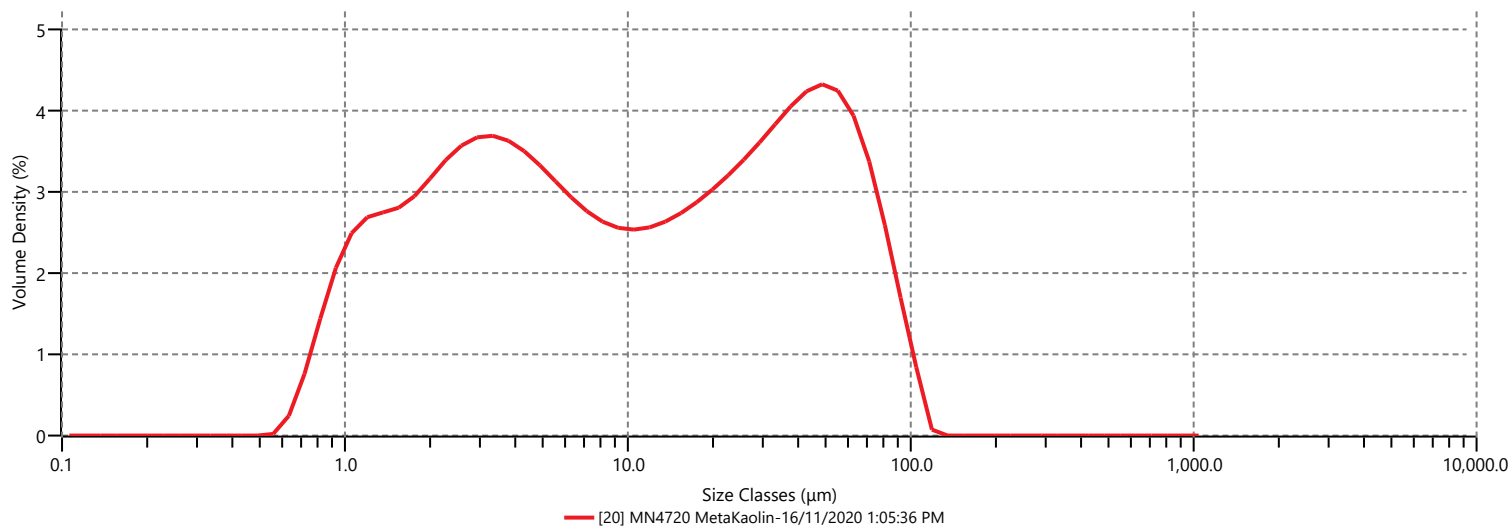
Analysis

Particle Name Generic
Particle Refractive Index 1.520
Particle Absorption Index 0.100
Dispersant Name Water
Dispersant Refractive Index 1.330
Scattering Model Mie
Analysis Model General Purpose
Weighted Residual 1.35 %
Laser Obscuration 14.43 %

Result

Concentration 0.0083 %
Span 5.982
Uniformity 1.838
Specific Surface Area 592.3 m²/kg
D [3,2] 4.13 μm
D [4,3] 21.5 μm
Dv (10) 1.42 μm
Dv (50) 9.76 μm
Dv (80) 41.8 μm
Dv (90) 59.8 μm
Dv (98) 87.3 μm

Frequency (compatible)



Result

Size (μm)	% Volume Under	Size (μm)	% Volume Under	Size (μm)	% Volume Under	Size (μm)	% Volume Under	Size (μm)	% Volume Under	Size (μm)	% Volume Under
0.0995	0.00	0.594	0.00	3.55	29.76	21.2	63.79	127	100.00	756	100.00
0.113	0.00	0.675	0.18	4.03	32.79	24.1	66.46	144	100.00	859	100.00
0.128	0.00	0.767	0.81	4.58	35.71	27.4	69.29	163	100.00	976	100.00
0.146	0.00	0.872	2.01	5.21	38.49	31.1	72.30	186	100.00	1110	100.00
0.166	0.00	0.991	3.75	5.92	41.10	35.3	75.49	211	100.00		
0.188	0.00	1.13	5.84	6.72	43.54	40.1	78.87	240	100.00		
0.214	0.00	1.28	8.09	7.64	45.84	45.6	82.41	272	100.00		
0.243	0.00	1.45	10.38	8.68	48.03	51.8	86.03	310	100.00		
0.276	0.00	1.65	12.71	9.86	50.16	58.9	89.59	352	100.00		
0.314	0.00	1.88	15.16	11.2	52.27	66.9	92.89	400	100.00		
0.357	0.00	2.13	17.80	12.7	54.40	76.0	95.72	454	100.00		
0.405	0.00	2.42	20.63	14.5	56.60	86.4	97.88	516	100.00		
0.461	0.00	2.75	23.61	16.4	58.88	98.1	99.30	586	100.00		
0.523	0.00	3.12	26.68	18.7	61.27	111	100.00	666	100.00		